



Note:
All longitudinal steel in parapet
to be #5's spaced as shown.

Note:
On bridges with less than $\frac{1}{2}\%$ grade
or the equivalent in a vertical curve,
areas between scuppers shall be
sloped in gutter area to ensure runoff
will reach scupper.

Normal slab reinforcement bent
and/or adjusted to clear opening.

Note:
Stringers and railing
not shown.

SECTION A-A
Scale: $\frac{3}{4}" = 1'-0"$

Other Related Standards
BR-SS(6.02)-75-27
REBAR-PL(9.02)-91-220
REBAR-PL(9.03)-91-236
REBAR-PL(9.02)-91-221
REBAR-BD(9.03)-91-237

Whenever exterior stringers are
greater than 3'-0" deep, scuppers
are to be modified and fabricated
with this lip.

Notes:

1. Fiberglass lining shall extend 3" beyond sides and top of opening on exterior face of parapet and 3" min. below bottom of slab on exterior face of parapet. Slab bolsters shall have upturned feet embedded in the fiberglass.
2. Omit openings in panels 10' each side of piers and abutments and in those sections which carry light posts support brackets. Normal parapet and sidewalk reinforcing shall be provided in all sections without openings.
3. Fiberglass shall conform to 921.11. The surface of the fiberglass designed to bond with other materials shall be free of bond inhibiting agents.

APPROVAL	
<i>E. S. Friedman</i> DIRECTOR	OFFICE OF STRUCTURES
DATE: 3/3/83	
REVISIONS	
SHA	FHWA
8-1-94	.
1-6-95	.
FHWA APPROVAL	7-24-01
DATE: 6-8-90	1-22-01

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF STRUCTURES

TYPE II BRIDGE SCUPPER

STANDARD NO. BR-SS(0.05)-83-142

SHEET 1 OF 2

SUPER-OTHER